

ABSTRACT OF THE DISCLOSURE

A cold plate for a beverage chilling apparatus comprising a plurality of beverage conducting tubes sinuously arranged within a cast aluminum jacket. Interleaved between the beer conducting tubes are coolant conducting lines arranged in heat exchanging relation. The coolant lines are derived from a main coolant line pumping coolant to the cold plate, where a coolant inlet is divided into two separate smaller intermediate coolant segments at a first stage. Each intermediate glycol segment is then subdivided at a second stage into four heat exchanging coolant lines. At each subdivision of the coolant fluid conducting system, a pair of smaller lines equal distance from a feed line and having a smaller diameter than the feed line are incorporated using a two-for-one splitter so that each stage doubles the number of lines from the previous stage.

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